

GENERAL NOTES:

- BENCHMARK: ELEV. = 329.43'. TOP NUT OF EXISTING FIRE HYDRANT ADJACENT TO COLLEGE MAIN AND WATSON LANE INTERSECTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES. AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT DCS (ESS @ 1-800-944-8377).
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF BCS UNIFIED DESIGN GUIDELINES AND SPECIFICATIONS FOR WATER, SEWER, DRAINAGE AND STREET CONSTRUCTION. TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY'S STANDARDS. ALL CONSTRUCTION SHALL BE COORDINATED WITH THE CITY ENGINEERS OFFICE PRIOR TO START.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION SAFETY. CONSTRUCTION DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- LOCATION OF EXISTING BURIED UTILITIES, WHERE SHOWN, IS APPROXIMATE ONLY. OTHER UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING OF ALL BURIED UTILITIES.
- THE PROPOSED BUILDINGS AND ASSOCIATED DIMENSIONS SHOWN HEREIN WERE PROVIDED BY OWNER.
- THE SUBJECT PROPERTY IS CURRENTLY ZONED SOUTH COLLEGE BUSINESS DISTRICT (SCB).
- THE SUBJECT PROPERTY DOES NOT LIE WITHIN THE LIMITS OF THE 100-YEAR FLOOD HAZARD AREA AS ESTABLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY. MAP NUMBER 480410215E, EFFECTIVE DATE MAY 16, 2012.
- THE METES AND BOUNDS DESCRIPTION AND ALL SHOWN EASEMENTS HEREIN WERE PROVIDED BY KERR SURVEYING, AUGUST 2013.
- ALL SIDEWALKS AND RAMP SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH A.D.A. (AMERICANS WITH DISABILITIES ACT) AND T.A.S. (TEXAS ACCESSIBILITY STANDARDS) REQUIREMENTS AND STANDARDS.
- LANDSCAPE DESIGN AND ANALYSIS CAN BE FOUND ON SHEET C-7. IRRIGATION PLANS SHALL BE PROVIDED BY OTHERS.
- ALL CURB RADI SHALL BE 2' FROM BACK OF CURB UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS SHOWN ARE MEASURED FROM BACK OF CURB UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL HYDRO MULCH SEED TO PROMOTE GRASS RE-GROWTH TO ALL AREAS THAT HAVE BEEN DISTURBED BY CONSTRUCTION.
- ALL ROOF AND GROUND MOUNTED MECHANICAL EQUIPMENT SHALL BE SCREENED FROM VIEW OR ISOLATED SO AS NOT TO BE VISIBLE FROM ANY PUBLIC RIGHT OF WAY OR RESIDENTIAL DISTRICT WITHIN 150' OF THE SUBJECT LOT, MEASURED FROM A POINT FIVE FEET ABOVE GRADE. SUCH SCREENING SHALL BE COORDINATED WITH BUILDING ARCHITECTURE AND SCALE TO MAINTAIN A UNIFIED APPEARANCE.

WATER & SANITARY SEWER LOADINGS:

1. WATER DEMAND AND SEWER PRODUCTION:			
TOWNHOMES (13)	MINIMUM	AVERAGE	MAXIMUM
WATER	13 GPM	26 GPM	104 GPM
SEWER	260 GPD	1,300 GPD	3,000 GPD
RETAIL (4,000 SF)*			
WATER	10 GPM	30 GPM	90 GPM
SEWER	250 GPD	2,000 GPD	4,000 GPD

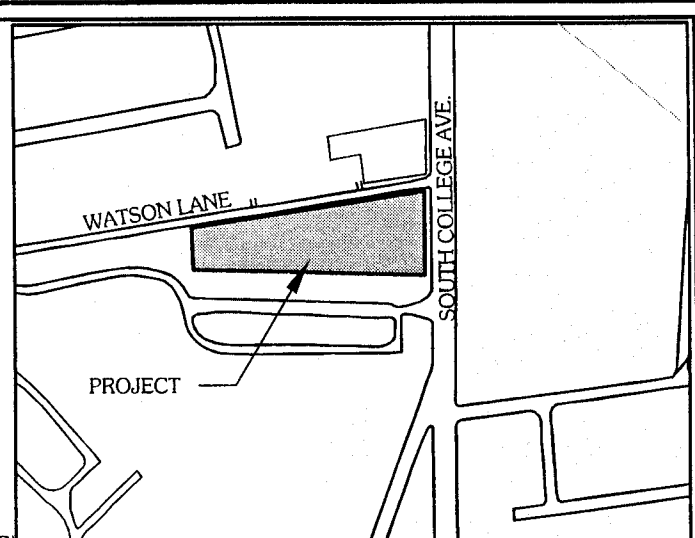
* ASSUMING 6 LAVATORIES, NO RESTAURANT(S)

SITE ELECTRICAL NOTES:

- DEVELOPER INSTALLS CONDUIT PER CITY SOCS AND DESIGN.
- CITY WILL PROVIDE DRAWINGS FOR CONDUIT INSTALLATION.
- DEVELOPER TO INTERCEPT EXISTING CONDUIT AT DESIGNATED TRANSFORMERS AND EXTEND AS REQUIRED.
- IF CONDUIT DOES NOT EXIST AT DESIGNATED TRANSFORMER, DEVELOPER SHALL FURNISH AND INSTALL CONDUIT AS SHOWN ON ELECTRICAL LAYOUT.
- DEVELOPER WILL INSTALL METERS SERVICE LOCATION AS CLOSE AS POSSIBLE TO TRANSFORMER.
- SERVICE WIRE TO BE FURNISHED AND INSTALLED BY COLLEGE STATION UTILITIES.

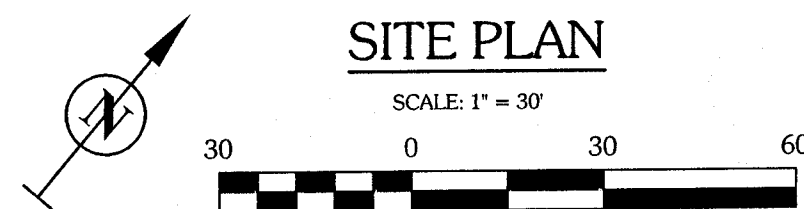
PARKING ANALYSIS:

- PARKING ANALYSIS & REQUIREMENTS:
13 - 4 BEDROOM TOWNHOMES (1 P.S. per ROOM) 52 PARKING SPOTS
4,000 SQ. FT. RETAIL BLDG. (1 P.S. per 200 S.F.) 20 PARKING SPOTS
TOTAL PARKING SPOTS REQUIRED: 72 PARKING SPOTS
74 PARKING SPOTS PROVIDED
* INCLUDES 2 HANDICAP SPOTS (1 VAN ACCESSIBLE)
- PARKING LOT DESIGN:
DRIVE AISLE: 6' THICK, #4 REBAR (GRADE 60) AT 16" O.C.B.W.
PARKING AREAS: 5' THICK, #4 REBAR (GRADE 60) AT 16" O.C.B.W.
TRASH DUMPSTER AREA: 8' THICK, #4 REBAR (GRADE 60) AT 16" O.C.B.W.
CONCRETE SHALL BE 3,000 PSI AT 28 DAY STRENGTH. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SLUMP DURING PLACEMENT (5' SLUMP MAXIMUM).
CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PLACEMENT.
CONTRACTOR SHALL HAVE 5 TEST CYLINDERS MADE AND TESTED FOR EVERY 100 YARDS OF CONCRETE PLACED PER DAY.
PAVEMENT MARKINGS & STRIPING: DO NOT APPLY TRAFFIC AND LANE STRIPING UNTIL LAYOUT AND PLACEMENT HAS BEEN APPROVED BY ENGINEER. PAVEMENT SURFACE MUST BE SWEEP CLEAN AND FREE OF MATERIAL AND DUST. ALL PAVEMENT MARKINGS SHALL BE MECHANICALLY APPLIED TO PRODUCE UNIFORM STRAIGHT EDGES. ALL PAVEMENT STRIPINGS SHALL BE 4" WIDE. CONTRACTOR SHALL USE CHLORINATED RUBBER BASED TRAFFIC PAINT - FACTORY MIXED, QUICK-DRYING, AND NON-BLEEDING.
FIRE LANE: CONTRACTOR SHALL PAINT ALL CURBS AS SHOWN WITH 4" WIDE RED PAINT WITH "FIRE LANE" SPACED EVERY 25' TO ESTABLISH FIRE LANE.



LOCATION MAP
NOT TO SCALE

LEGEND	
---	PROPERTY LINE
---	INTERNAL LOT LINE
---	EXISTING EASEMENT LINE
---	BUILDING SETBACK LINE
---	EXISTING CONTOURS
---	PROPOSED CONTOURS
---	EROSION CONTROL FENCE (SILT)
---	EXISTING AERIAL ELECTRIC LINES
---	EDGE OF CONCRETE / CURB
---	SANITARY SEWER MANHOLE
---	STORM DRAIN MANHOLE
---	FIRE HYDRANT
---	WATER VALVE
---	TRANSFORMER
---	UTILITY POLE
---	GOY WIRE ANCHOR
---	WOOD FENCE
---	CONCRETE
---	23' ACCESS EASEMENT



SOLID WASTE DISPOSAL:

- 3 - 14' x 14' TRASH AREAS SHALL BE PROVIDED WITH 6' FENCED ENCLOSURE FOR STANDARD 12' x 12' METAL TRASH BINS. TRASH BINS SHALL BE SHARED BY ALL TENANTS AND RETAIL.

UNDERGROUND ELECTRICAL:

- SITE ELECTRICAL DESIGNS AND SPECIFICATIONS SHALL BE DESIGNED AND PROVIDED BY BTU.

FOUNDATION & BUILDING CONSTRUCTION:

- FOUNDATION AND BUILDING DESIGN AND CONSTRUCTION ARE TO BE PROVIDED BY OTHERS AND ARE NOT INCLUDED IN THESE DOCUMENTS.

DEMOLITION / CONSTRUCTION WASTE:

- CONTRACTOR SHALL PROVIDE CONTAINMENT FOR WASTE, PRIOR TO, AND DURING, DEMOLITION / CONSTRUCTION. SOLID WASTE ROLL-OFF BOXES / METAL DUMPSTERS SHALL BE SUPPLIED BY CITY OR CITY PERMITTED CONTRACTOR(S) ONLY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTAINMENT AND PROPER DISPOSAL OF ALL LIQUID AND SOLID WASTE ASSOCIATED WITH THIS PROJECT. THE CONTRACTOR SHALL USE ALL MEANS NECESSARY TO PREVENT THE OCCURRENCES OF WIND BLOWN LITTER FROM THE PROJECT.

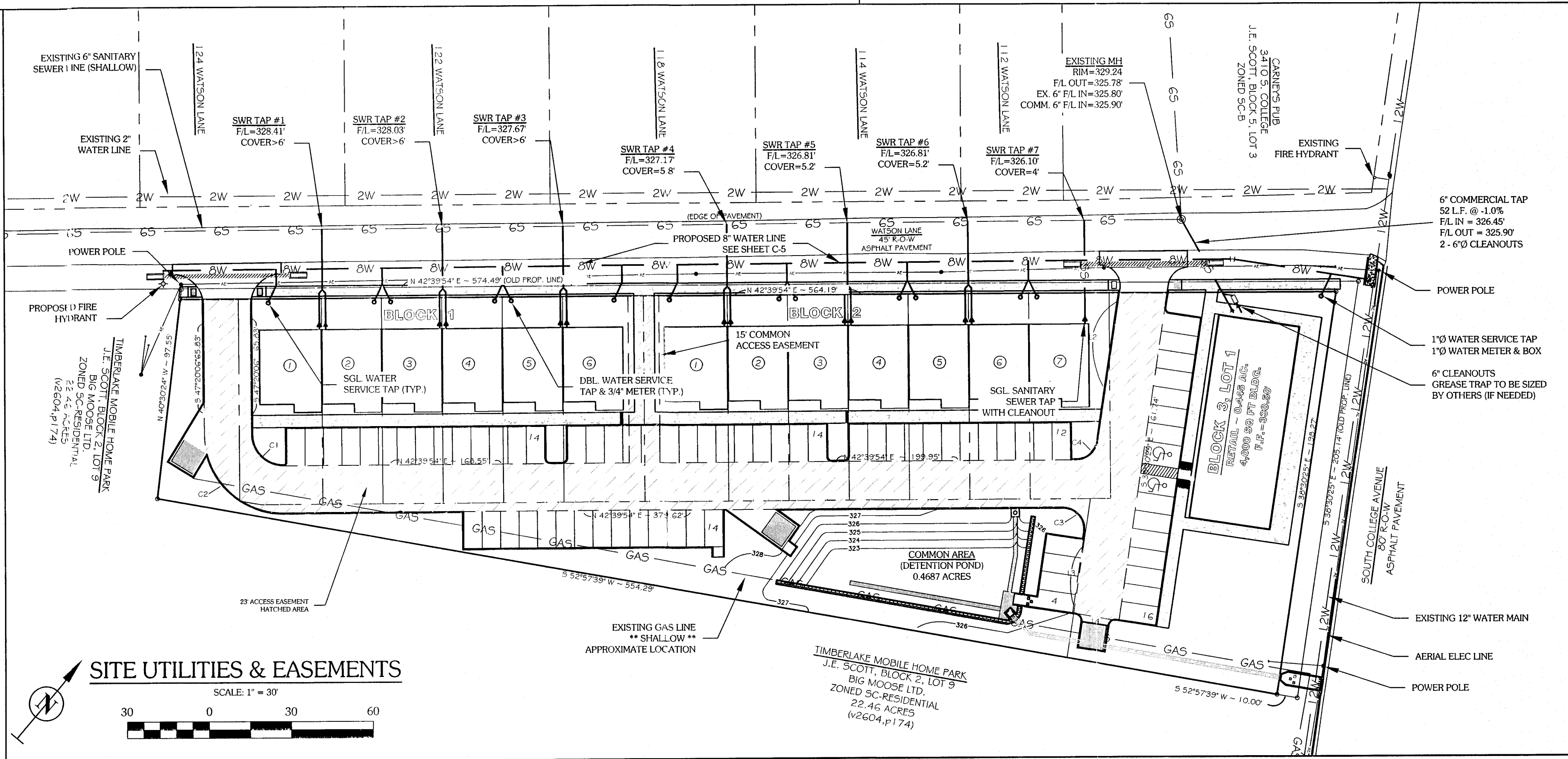
SITE CLEARING AND GRADING:

- SITE PREPARATION: CONTRACTOR SHALL CLEAR AND GRUB DESIGNATED AREAS OF ALL TOP SOIL AND ORGANIC MATERIAL. TOP SOIL SHALL BE STOCKPILED ON-SITE AT A LOCATION DESIGNATED BY OWNER.
- ALL AREAS THAT ARE FOUND TO BE 'PUMPING' OR 'SINK HOLES' OR NOT TO BE IN ORIGINAL UN-EXCAVATED COMPACTED STATE, SHALL BE REMOVED AND REPLACED WITH SELECT FILL, COMPACTED PER PROJECT SPECIFICATIONS.

STORM WATER MITIGATION NOTES:

- CONTRACTOR/OWNER IS RESPONSIBLE FOR FILING A NOTICE OF INTENT (NOI) WITH TCEQ PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL STORM WATER POLLUTION PREVENTION ASSOCIATED WITH THIS PROJECT. THE CONTRACTOR SHALL USE ALL MEANS NECESSARY TO PREVENT THE TRANSPORTATION OF SEDIMENT FROM THE PROJECT SITE.
- ALL STORM WATER PRODUCED FROM THIS SITE GENERALLY SHEET FLOWS OVER GRASSLAND AND PAVED AREAS FROM WEST TO SOUTHEAST IS COLLECTED IN THE DETENTION POND AND THEN CONVEYED TO SOUTH COLLEGE CURB AND GUTTER DRAINAGE SYSTEM.

LINE AND CURVE DATA:			
L1	N 42°39'54" E	10.00' (LOT LINE)	
L2	S 38°30'25" E	73.31' (23' ACCESS EASEMENT)	
L3	S 38°30'25" E	53.75' (23' ACCESS EASEMENT)	
L4	S 52°57'39" W	23.01' (23' ACCESS EASEMENT)	
L5	S 52°57'39" W	10.66'	
C1	L=24.34'	R=15.50'	C=N 87°39'54" E 21.92' (23' ACCESS EASEMENT)
C2	L=60.47'	R=38.50'	C=N 87°39'54" E 54.44' (23' ACCESS EASEMENT)
C3	L=18.11'	R=10.50'	C=S 87°55'35" E 15.94' (23' ACCESS EASEMENT)
C4	L=16.98'	R=14.43'	C=S 08°57'28" W 16.01' (23' ACCESS EASEMENT)



THIS DRAWING IS RELEASED UNDER THE AUTHORITY OF JOE GATTIS, PE #80984, FOR THE PURPOSE OF REVIEW ONLY. THIS DRAWING IS NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.

GATTISENGINEERING
ENGINEERS + CONSULTANTS

WATSON LANE RETAIL & TOWNHOME DEVELOPMENT
3500 SOUTH COLLEGE AVE.
COLLEGE STATION, TEXAS
OCTOBER 2013

SITE LAYOUT & SITE UTILITIES

DRAWN BY: JOE G.
DATE: OCTOBER 2013
SCALE: NOTED
PROJECT #: GE028001

C-3

OCT 08 2013